

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121438.D
 Acq On : 25 Aug 2020 20:45
 Operator : JU/CG
 Sample : L3786-04 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 619-047

Manual Integrations
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Quant Time: Aug 26 02:36:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	148997	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	595574	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	299826	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	507826	20.00	ng	0.01
76) Chrysene-d12	13.86	240	368657	20.00	ng	0.01
86) Perylene-d12	15.27	264	410045	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	319945	35.21	ng	0.01
7) Phenol-d6	6.35	99	292041	25.18	ng	0.00
23) Nitrobenzene-d5	7.26	82	256706	24.38	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	116893	33.46	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	529688	24.75	ng	0.00
79) Terphenyl-d14	12.80	244	460868	24.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	126711	5.809	ng	99
71) Phenanthrene	11.24	178	72358	2.753	ng	# 90
75) Fluoranthene	12.43	202	171414	6.009	ng	97
78) Pyrene	12.66	202	168962	6.101	ng	97
81) Benzo(a)anthracene	13.85	228	82768	3.615	ng	91
83) Chrysene	13.88	228	83358	3.559	ng	96
87) Indeno(1,2,3-cd)pyrene	16.64	276	57729	2.306	ng	97
88) Benzo(b)fluoranthene	14.87	252	117213m	4.425	ng	
90) Benzo(a)pyrene	15.21	252	80627	3.523	ng	# 92
92) Benzo(g,h,i)perylene	17.06	276	58006	2.891	ng	# 92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

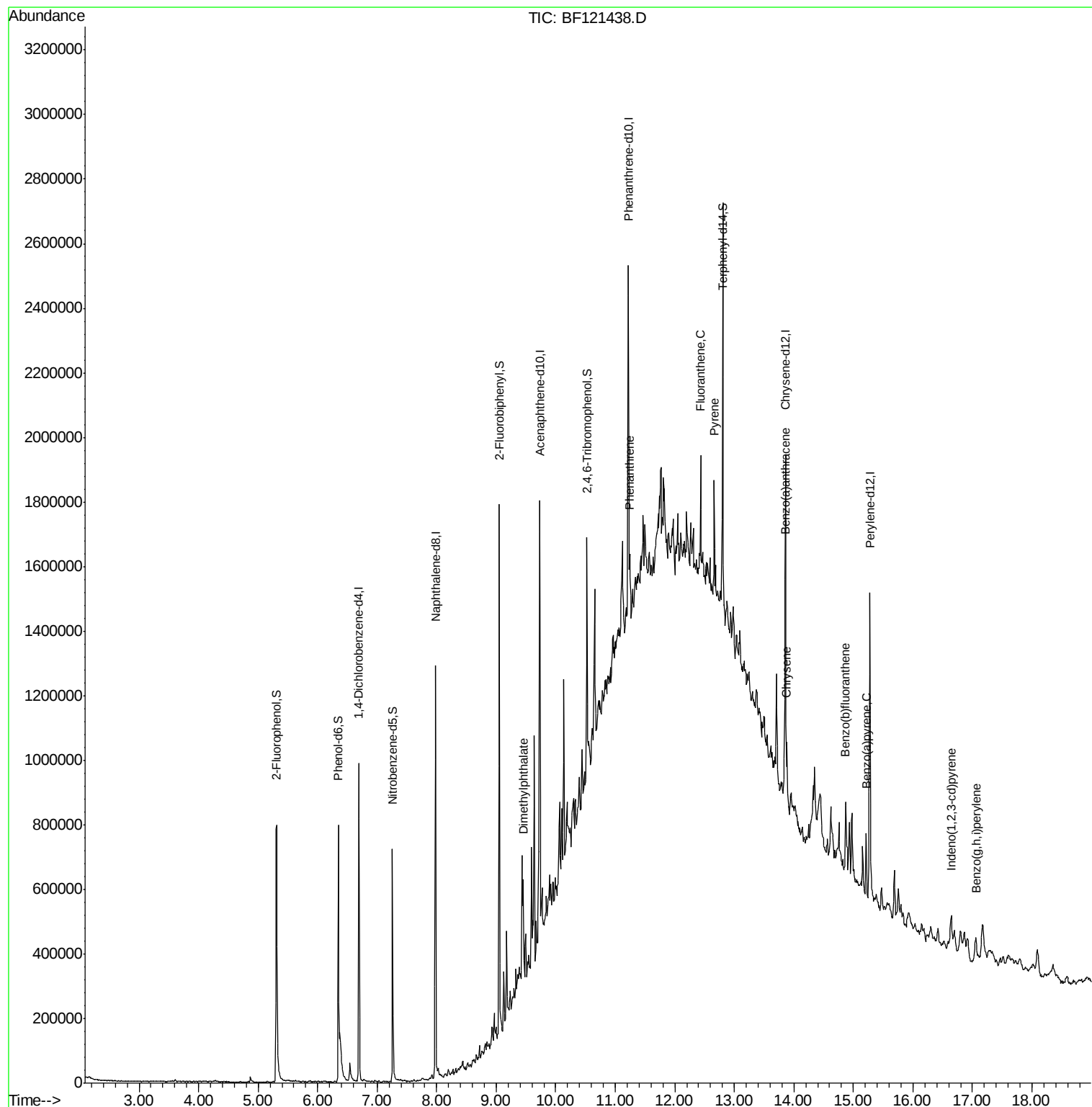
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121438.D
Acq On : 25 Aug 2020 20:45
Operator : JU/CG
Sample : L3786-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

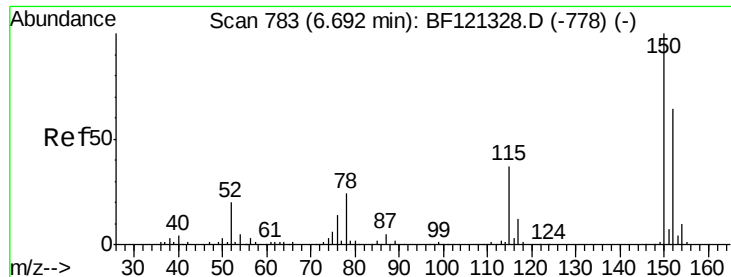
Instrument :
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#1

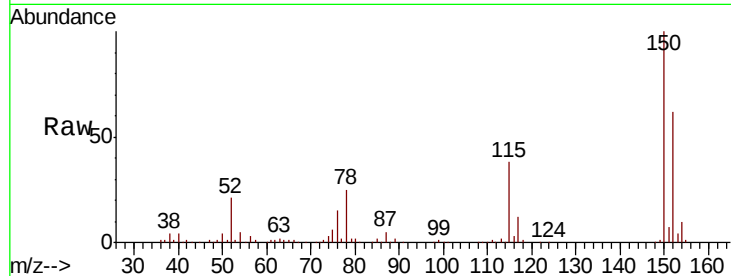
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121438.D
Acq: 25 Aug 2020 20:45

Instrument :
BNA_F
ClientSampleId :
619-047

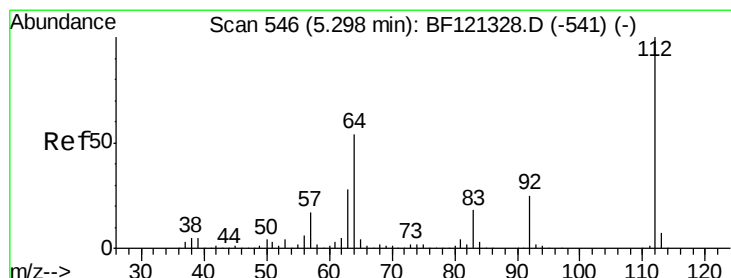
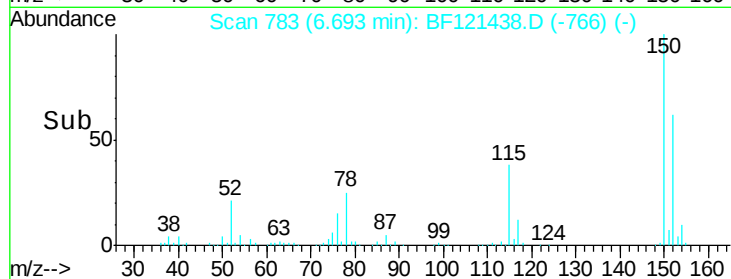
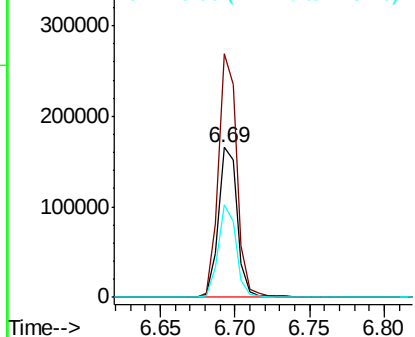
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.8	187.2
115	62.0	46.1	69.1

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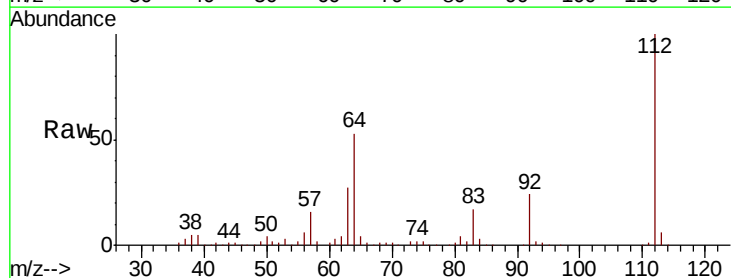
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



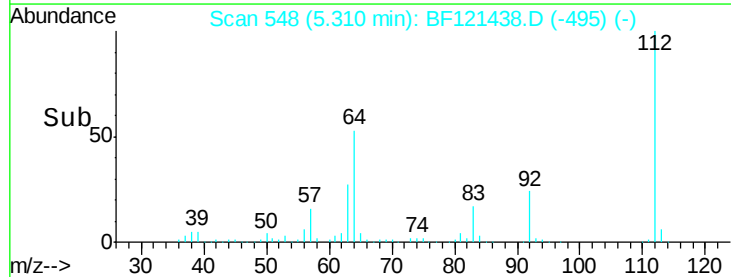
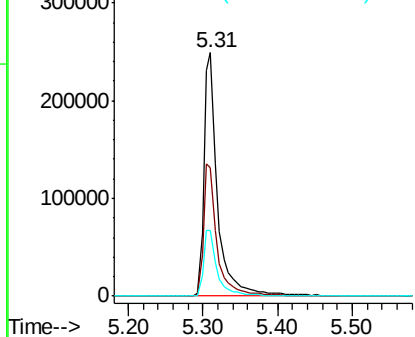
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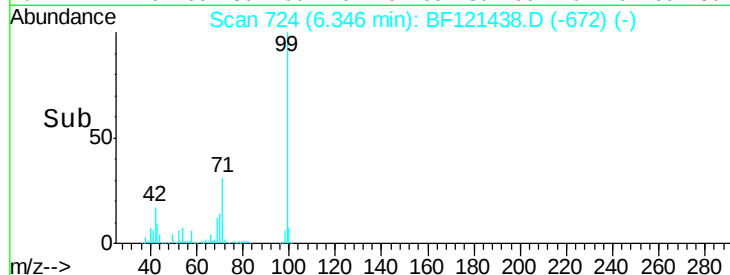
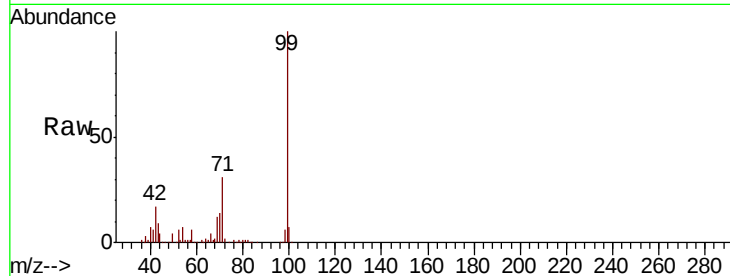
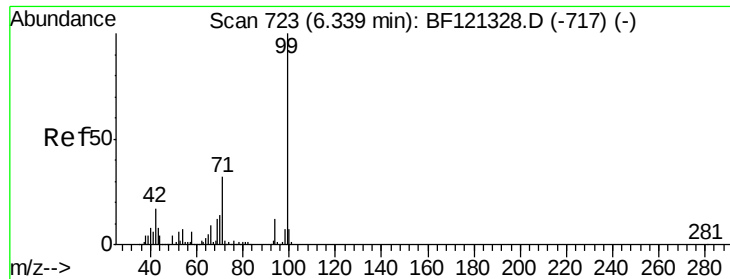
2-Fluorophenol
Concen: 35.210 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121438.D
Acq: 25 Aug 2020 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	43.5	65.3
63	26.7	22.0	33.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.176 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		292041		
42	17.5	13.5	20.3		
71	31.0	25.2	37.8		

Instrument :

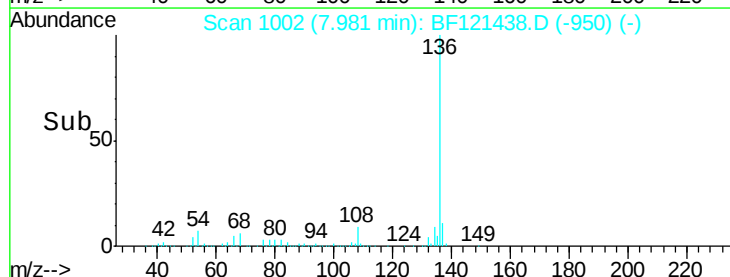
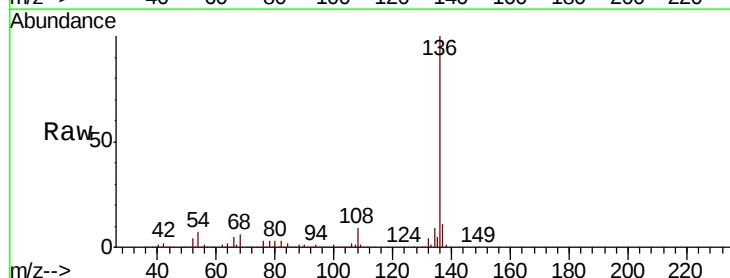
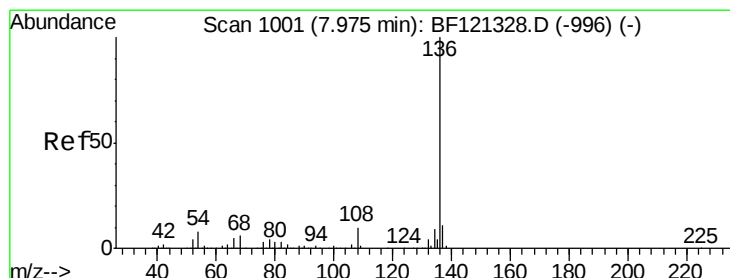
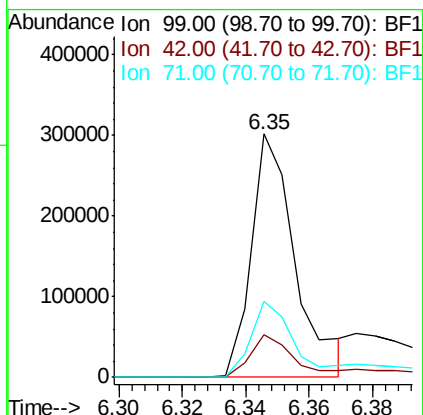
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#21

Naphthalene-d8

Concen: 20.000 ng

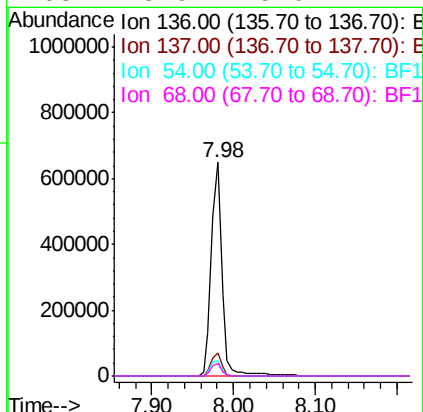
RT: 7.98 min Scan# 1002

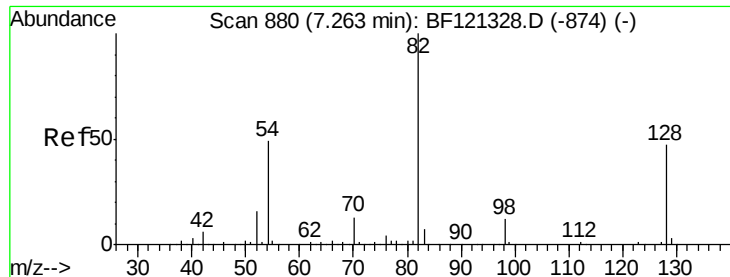
Delta R.T. 0.01 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		595574		
137	11.0	8.9	13.3		
54	7.1	6.1	9.1		
68	5.9	5.0	7.4		





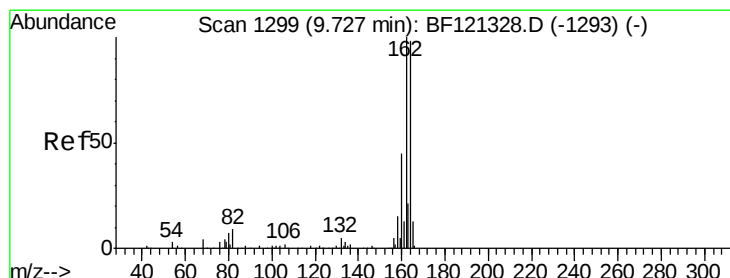
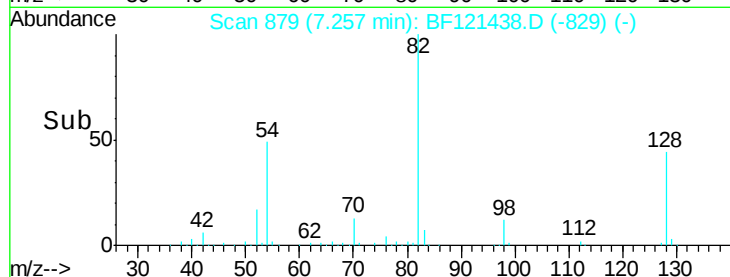
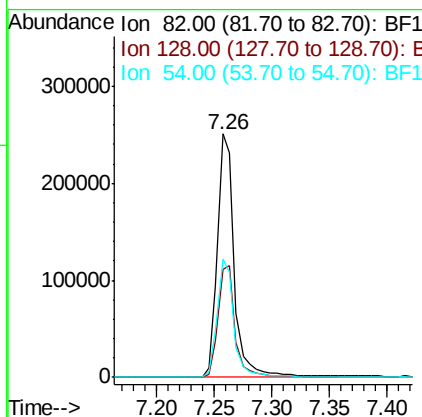
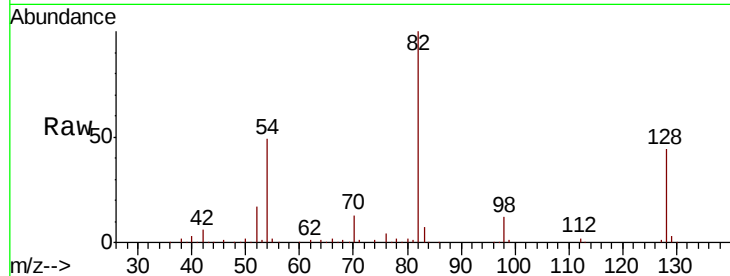
#23
 Nitrobenzene-d5
 Concen: 24.377 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121438.D
 Acq: 25 Aug 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 619-047

Tot Ion	82	Resp	256706
Ion Ratio	Lower	Upper	
82	100		
128	44.3	37.9	56.9
54	48.7	39.0	58.4

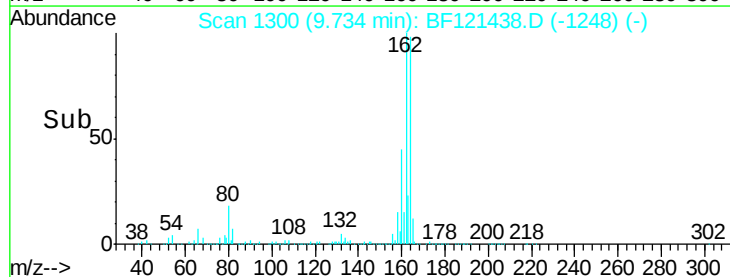
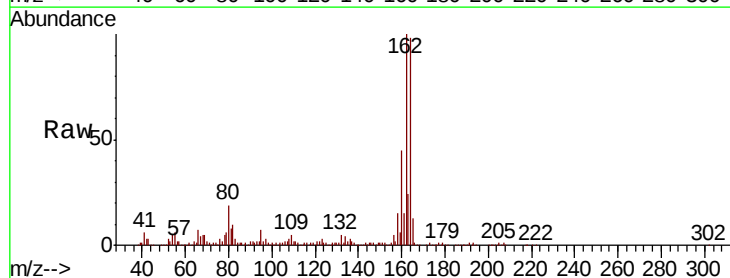
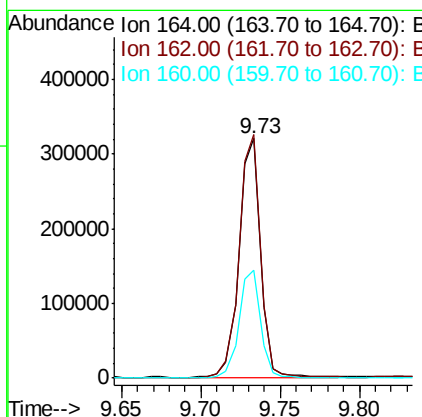
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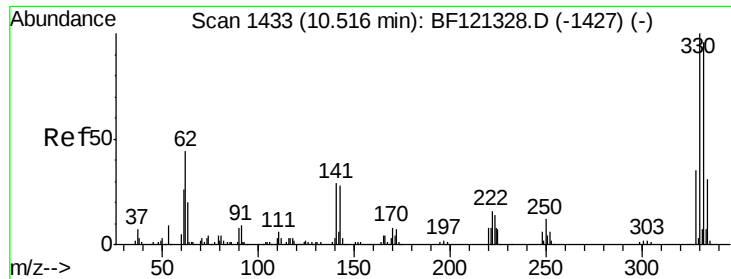
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF121438.D
 Acq: 25 Aug 2020 20:45

Tgt Ion	164	Resp	299826
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.7	122.5
160	45.3	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 33.456 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Instrument :

BNA_F

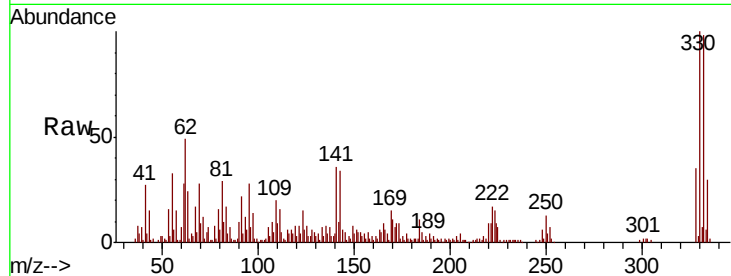
ClientSampled :

619-047

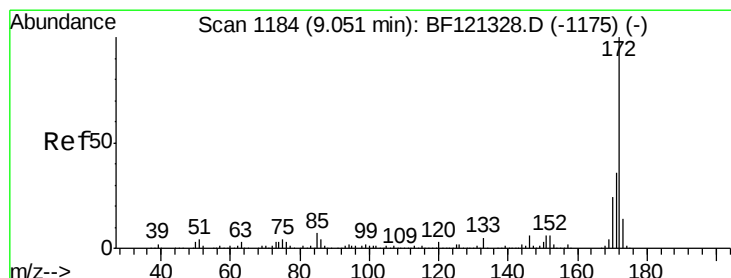
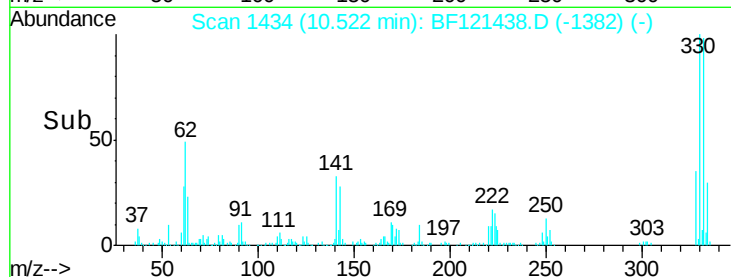
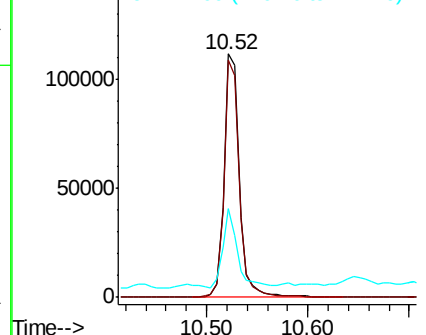
Tot Ion:	330	Resp:	116893
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.9	115.3
141	30.7	22.8	34.2

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 24.751 ng

RT: 9.05 min Scan# 1184

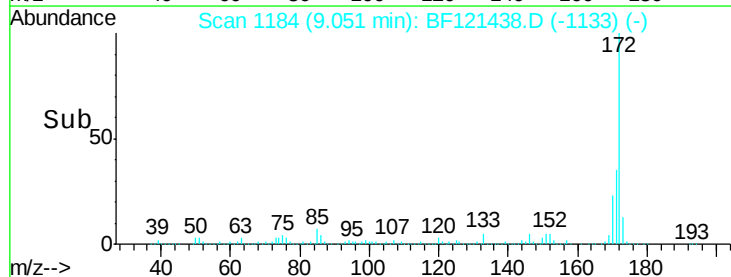
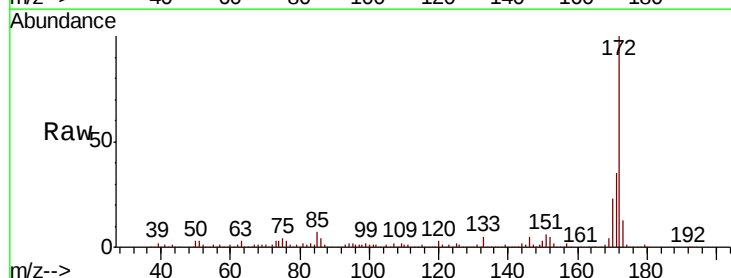
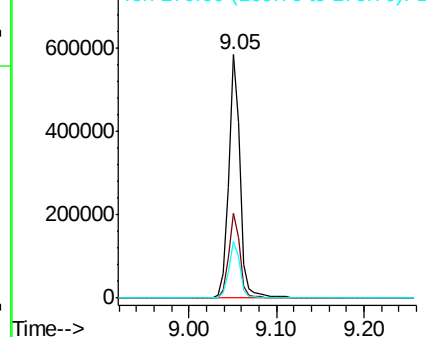
Delta R.T. 0.00 min

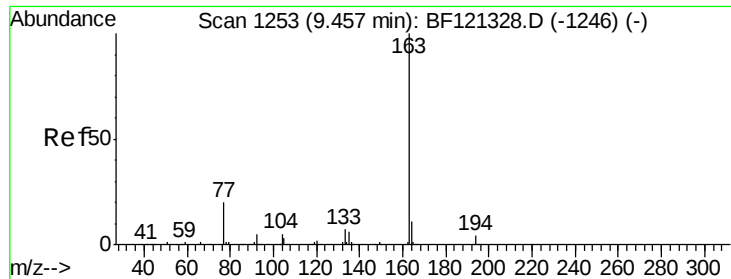
Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Tgt Ion:	172	Resp:	529688
Ion Ratio	Lower	Upper	
172	100		
171	34.8	29.0	43.6
170	23.3	19.4	29.2

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.809 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Instrument :

BNA_F

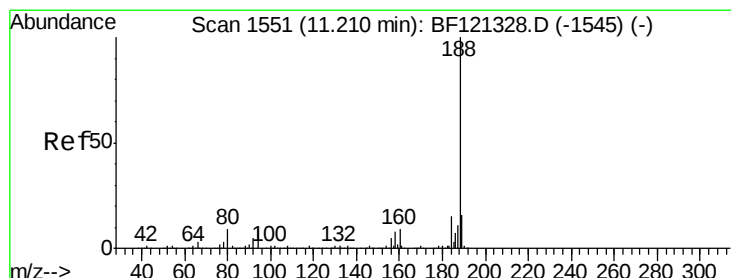
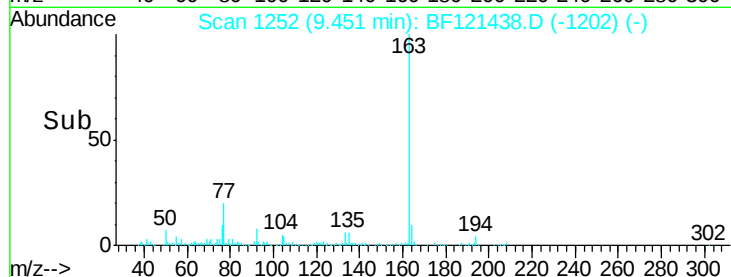
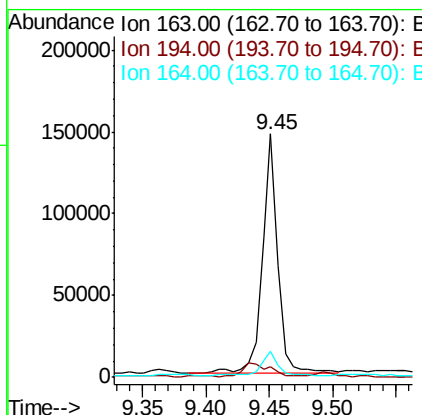
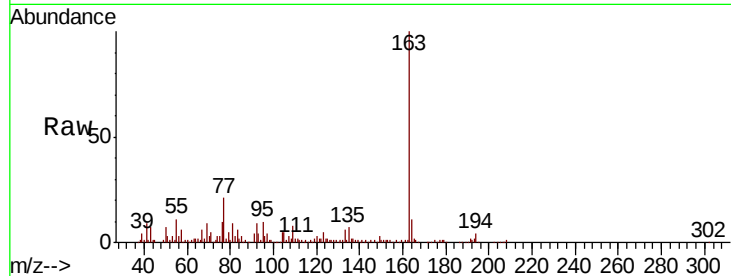
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		126711		
194	4.2		3.0	4.6	
164	10.6		8.4	12.6	

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#64

Phenanthrene-d10

Concen: 20.000 ng

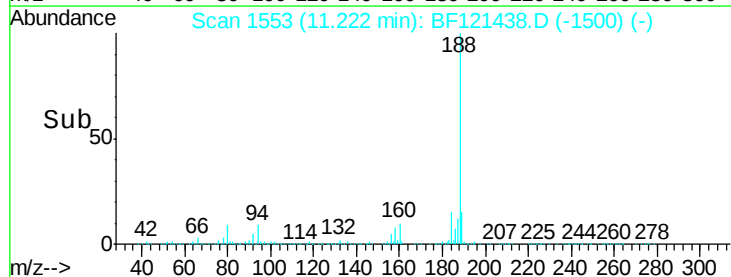
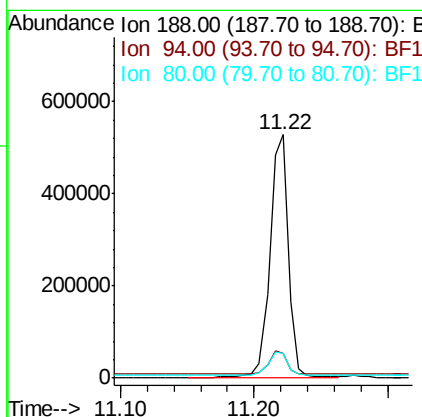
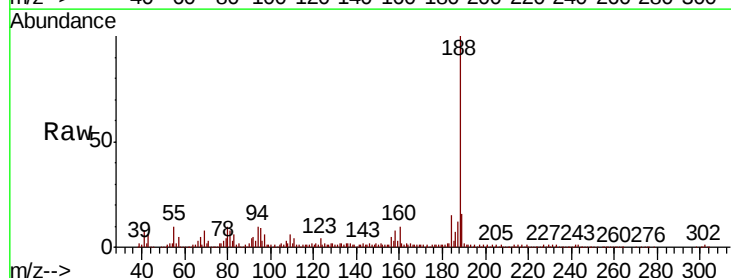
RT: 11.22 min Scan# 1553

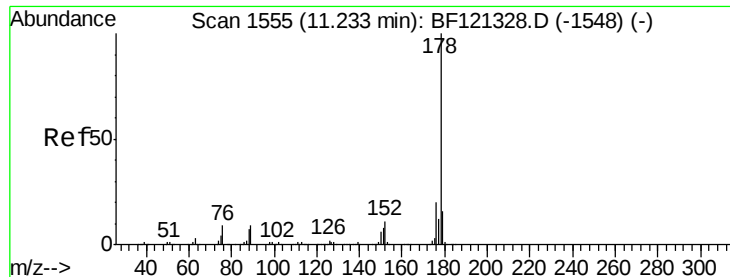
Delta R.T. 0.01 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		507826		
94	10.1		7.2	10.8	
80	9.9		7.4	11.0	





#71

Phenanthrene

Concen: 2.753 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Instrument :

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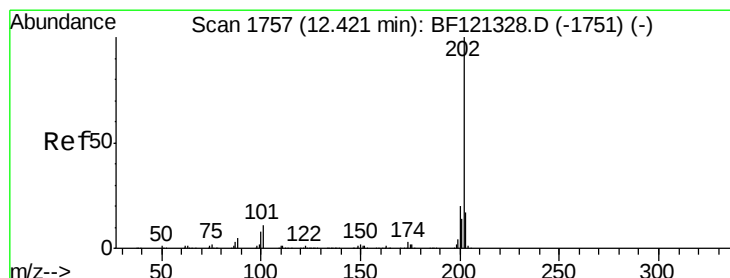
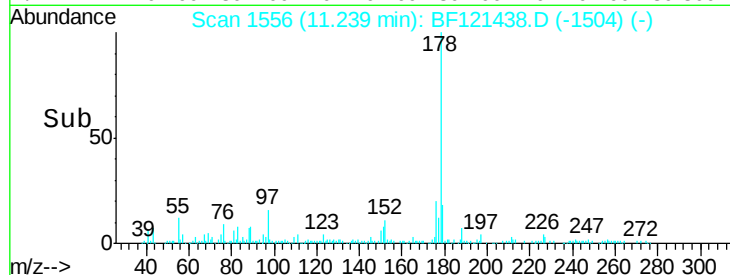
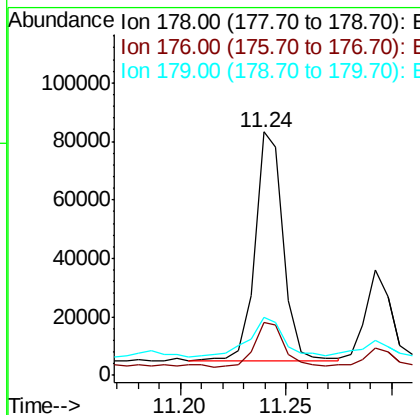
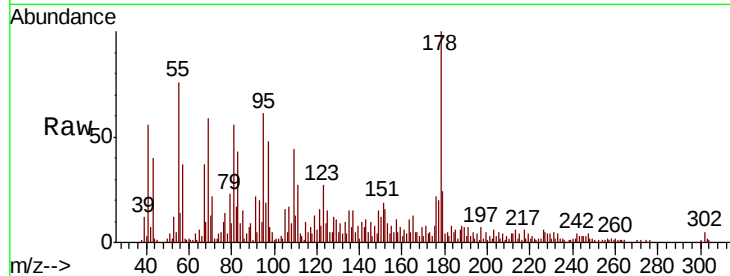
ClientSampleId :

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Tot Ion:178	Resp:	72358
Ion Ratio	Lower	Upper
178 100		
176 22.0	16.0	24.0
179 23.6	12.8	19.2

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#75

Fluoranthene

Concen: 6.009 ng

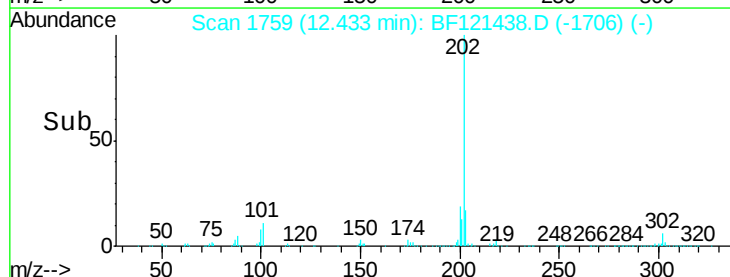
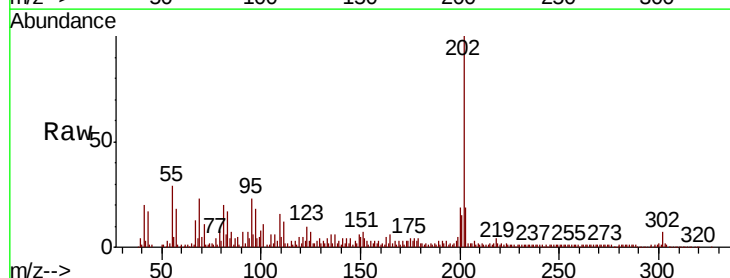
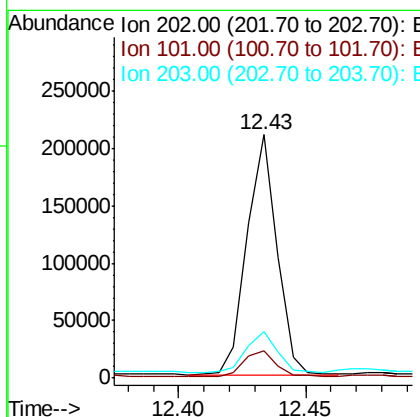
RT: 12.43 min Scan# 1759

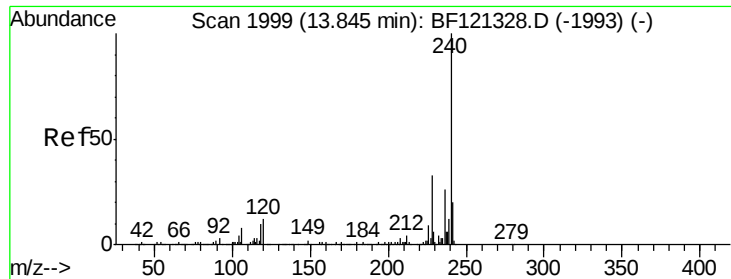
Delta R.T. 0.01 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Tgt Ion:202	Resp:	171414
Ion Ratio	Lower	Upper
202 100		
101 11.2	0.0	30.6
203 19.3	0.0	37.5





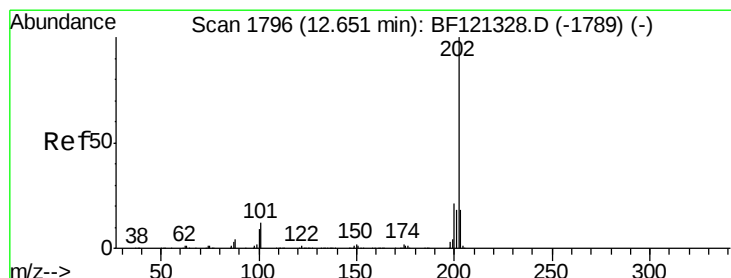
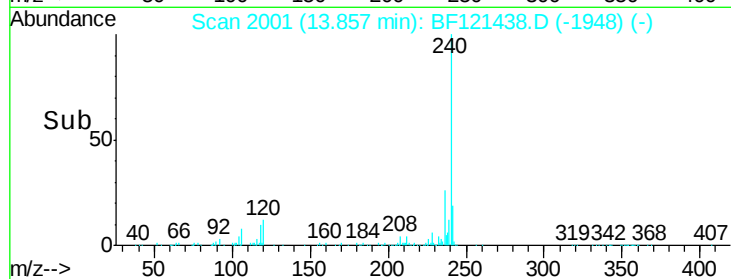
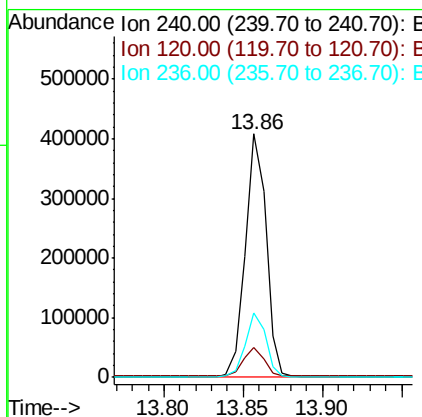
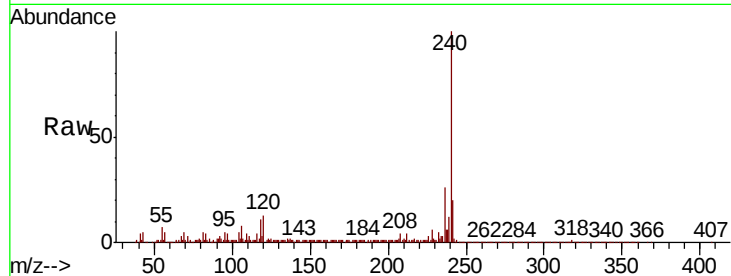
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF121438.D
 Acq: 25 Aug 2020 20:45

Instrument :
 BNA_F
 ClientSampled :
 619-047

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	9.6	14.4
236	26.4	20.6	31.0

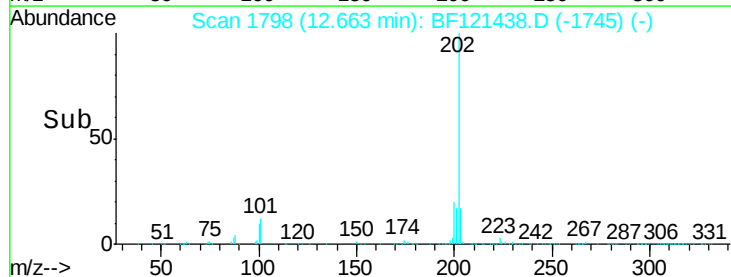
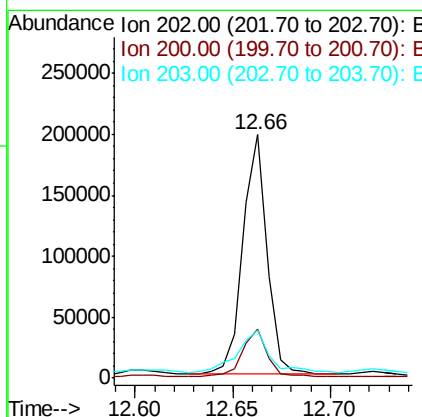
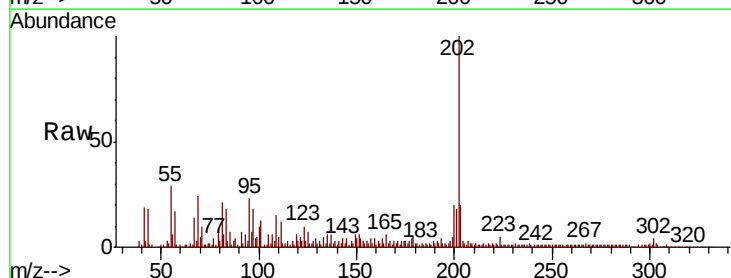
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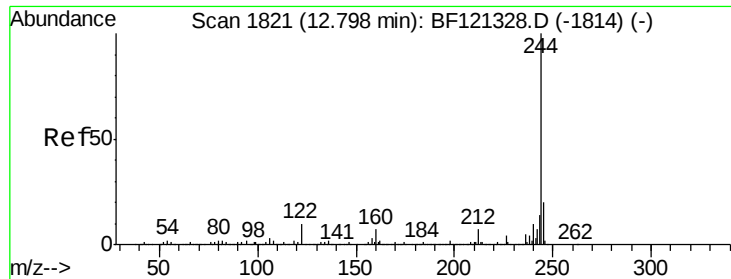
mohammad
 8/26/2020 4:01:05 PM



#78
 Pyrene
 Concen: 6.101 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. 0.01 min
 Lab File: BF121438.D
 Acq: 25 Aug 2020 20:45

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	16.6	24.8
203	19.8	14.2	21.2





#79

Terphenyl-d14

Concen: 24.429 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Instrument :

BNA_F

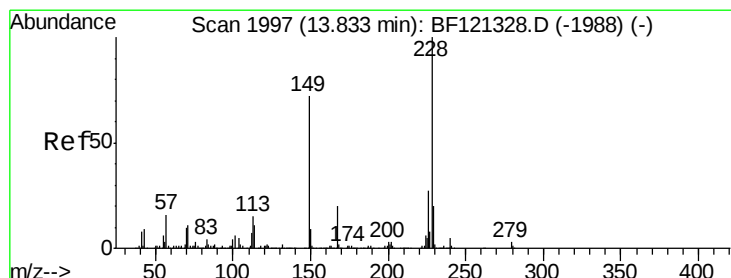
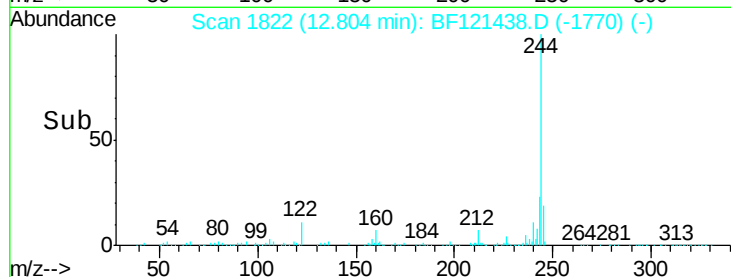
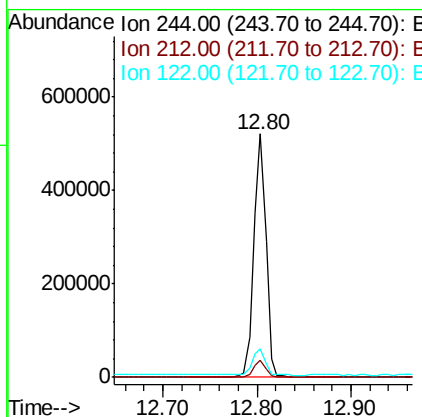
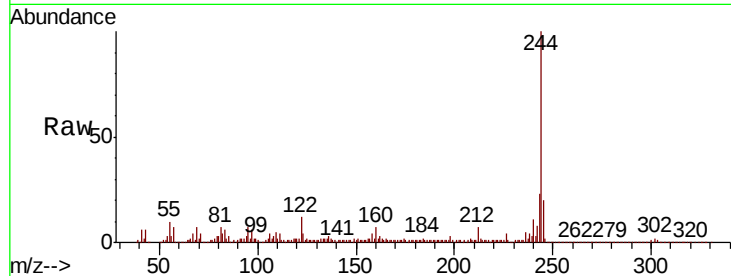
ClientSampleId :

619-047

Tot Ion:	244	Resp:	460868
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.8	7.8	11.8#

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#81

Benzo(a)anthracene

Concen: 3.615 ng

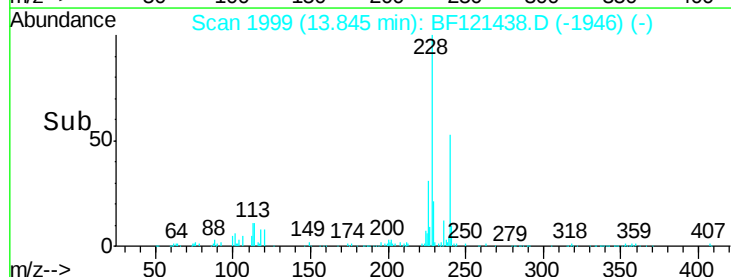
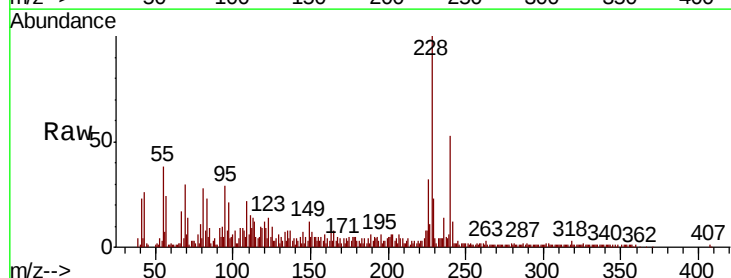
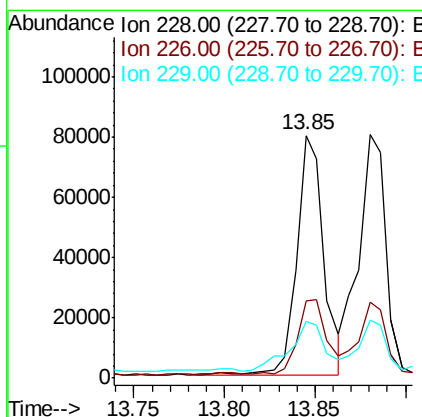
RT: 13.85 min Scan# 1999

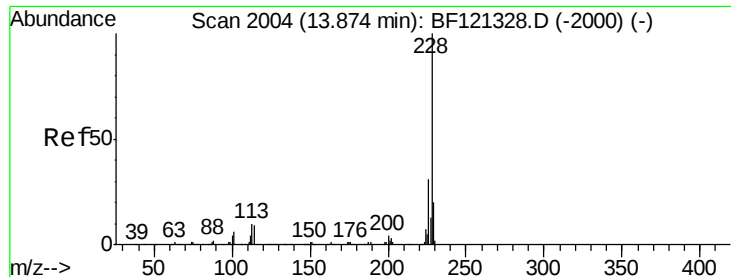
Delta R.T. 0.01 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Tgt Ion:	228	Resp:	82768
Ion Ratio	Lower	Upper	
228	100		
226	32.1	21.8	32.6
229	23.5	15.8	23.8





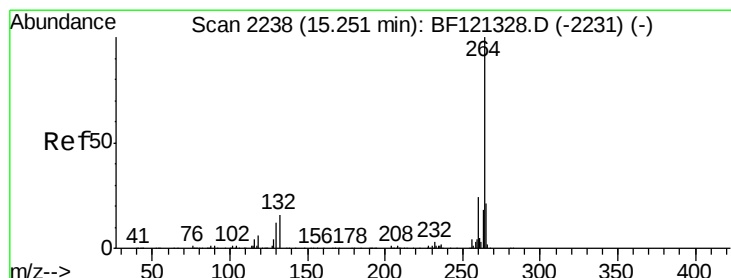
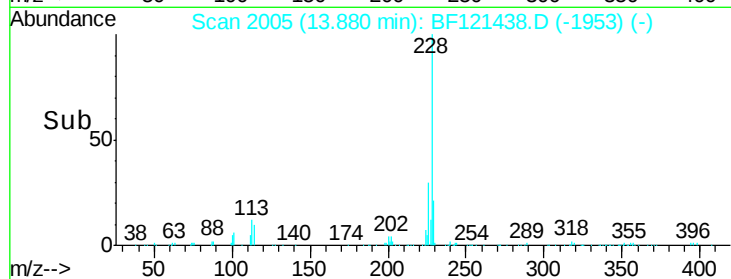
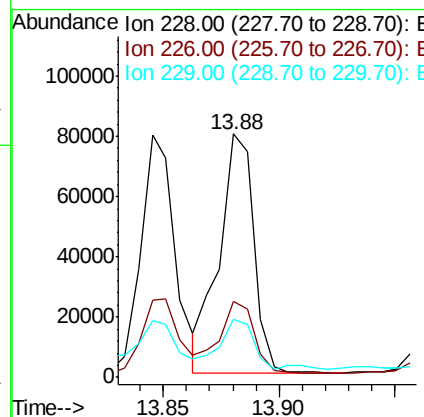
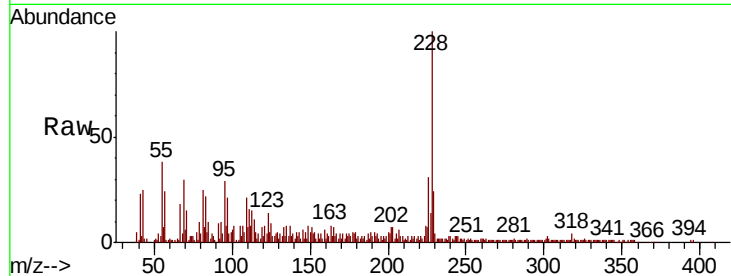
#83
Chrysene
Concen: 3.559 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF121438.D
Acq: 25 Aug 2020 20:45

Instrument :
BNA_F
ClientSampled :
619-047

Tot Ion:	228	Resp:	83358
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.6	36.8
229	23.7	15.9	23.9

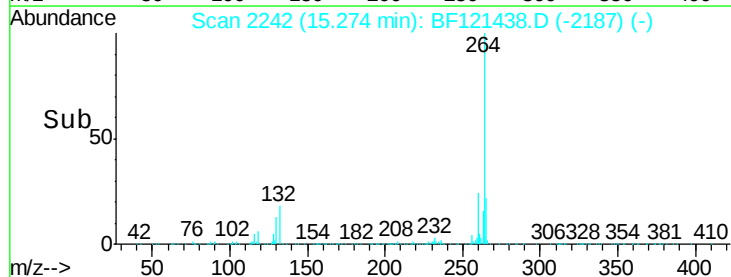
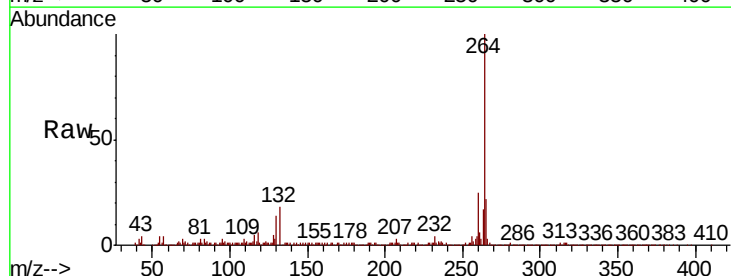
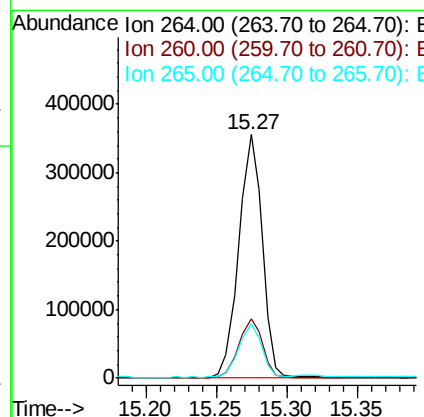
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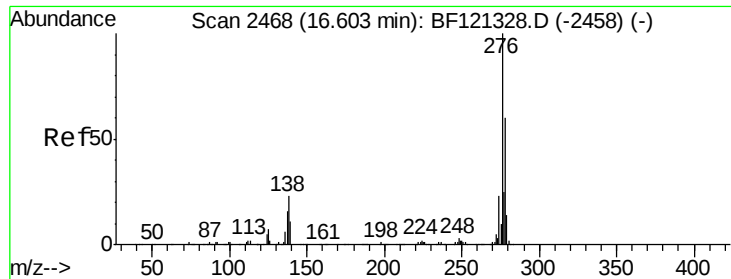
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF121438.D
Acq: 25 Aug 2020 20:45

Tgt Ion:	264	Resp:	410045
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	22.3	17.1	25.7





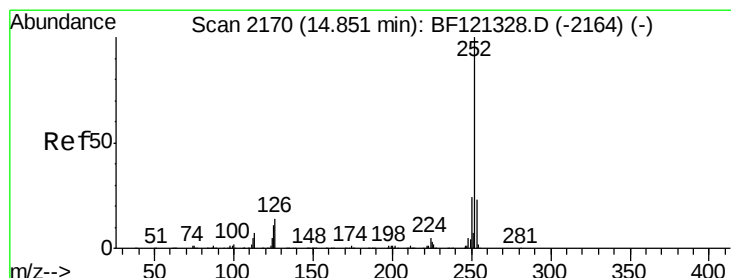
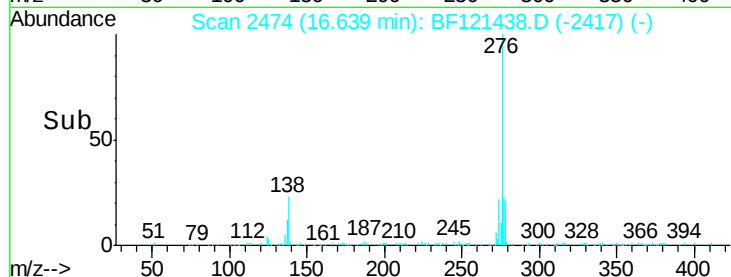
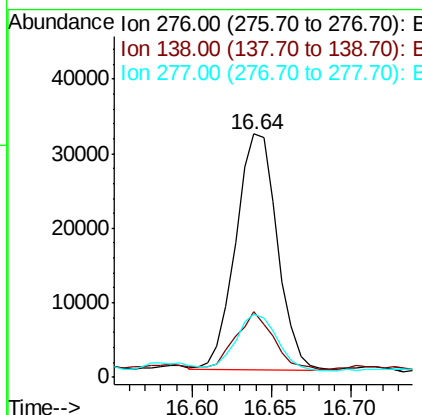
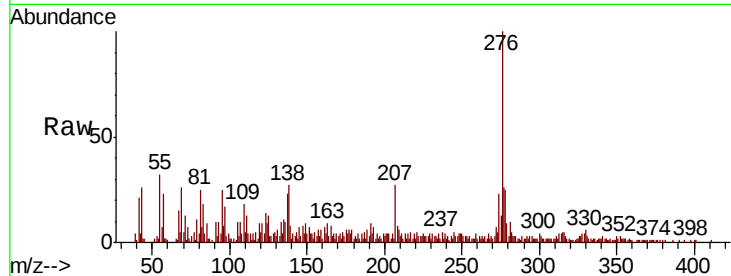
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.306 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. 0.04 min
 Lab File: BF121438.D
 Acq: 25 Aug 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 619-047

Tot Ion:	276	Resp:	57729
Ion Ratio	Lower	Upper	
276	100		
138	22.3	19.4	29.0
277	23.8	19.9	29.9

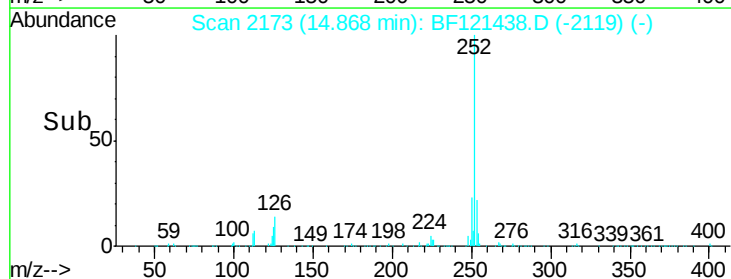
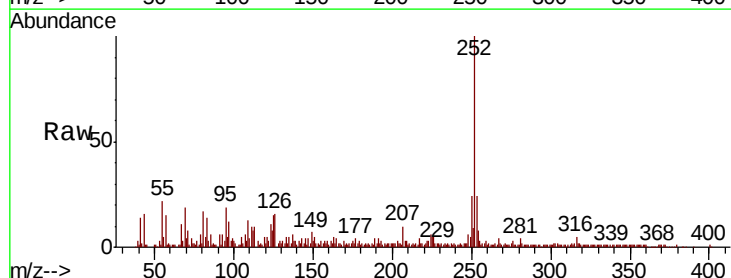
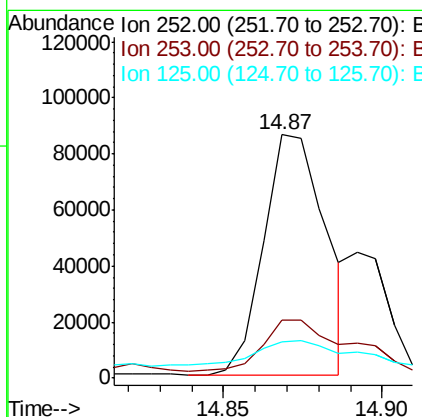
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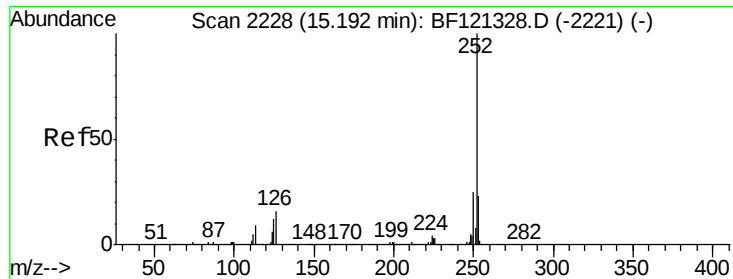
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 4.425 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. 0.02 min
 Lab File: BF121438.D
 Acq: 25 Aug 2020 20:45

Tgt Ion:	252	Resp:	117213
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	14.8	8.6	12.8#





#90

Benzo(a)pyrene

Concen: 3.523 ng

RT: 15.21 min Scan# 2231

Delta R.T. 0.02 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Instrument :

BNA_F

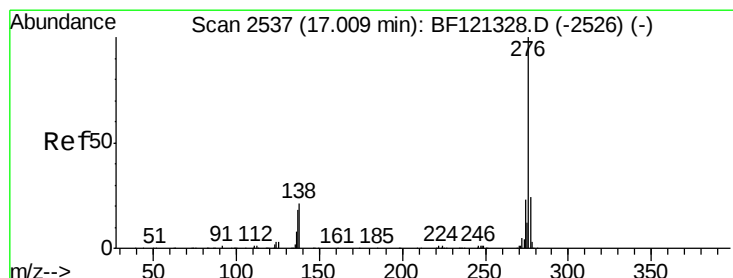
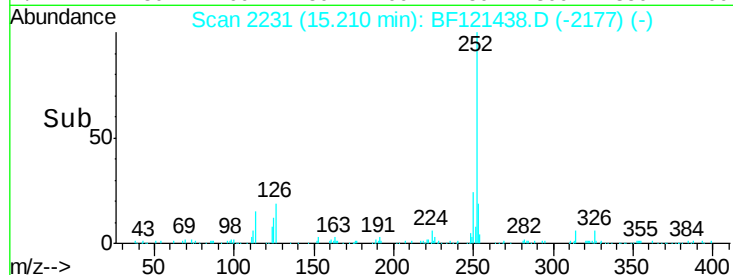
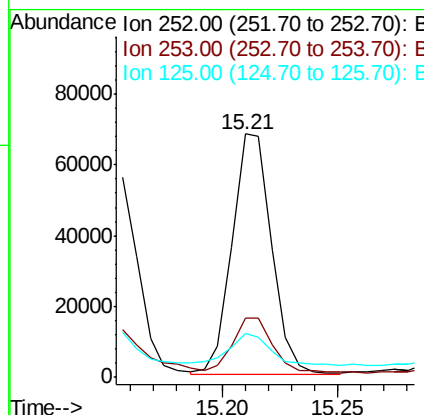
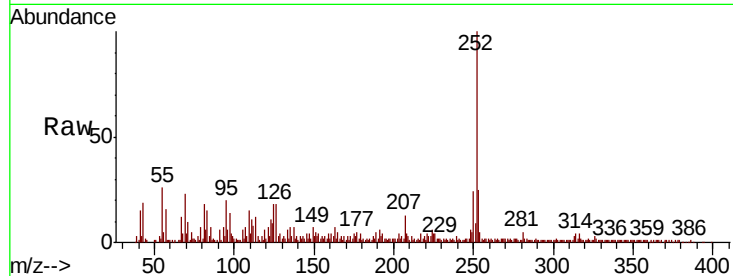
ClientSampleId :

619-047

Tot Ion:	252	Resp:	80627
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	17.8	9.4	14.0#

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 2.891 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.05 min

Lab File: BF121438.D

Acq: 25 Aug 2020 20:45

Tgt Ion:	276	Resp:	58006
Ion Ratio	Lower	Upper	
276	100		
277	27.2	19.3	28.9
138	25.3	16.8	25.2#

